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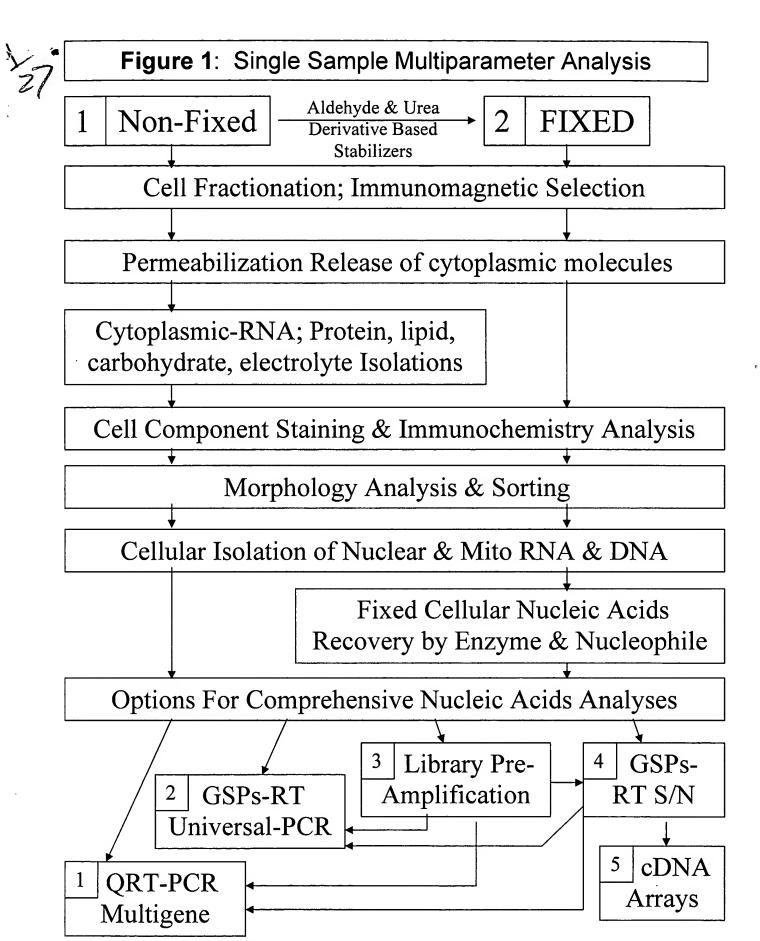
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Note: all steps are optional and can be run in sequential combinations.

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Figure 2

# Kinetics of Total RNA Release from SKBR Cells via Immuniperm (Saponin) Permeabilization

## Time Course in Minuets of 1600 SKBR cells/lane

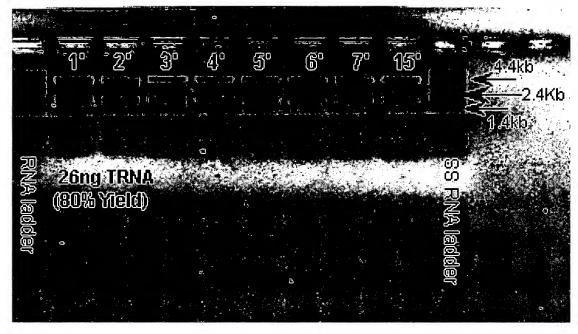
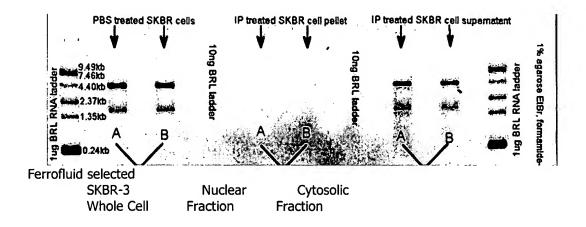


Figure 3



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Figure 4

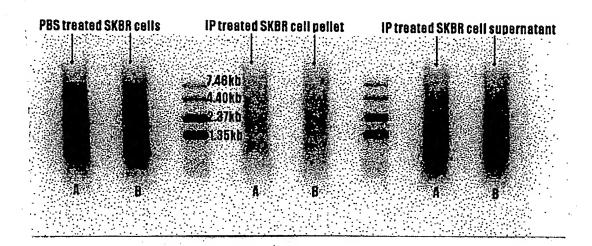
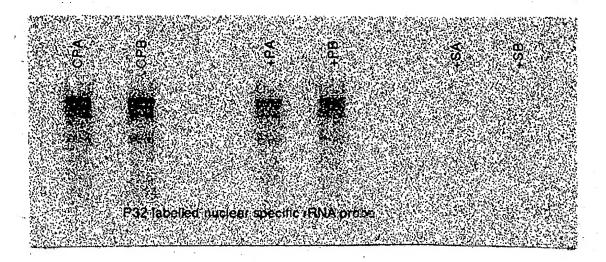


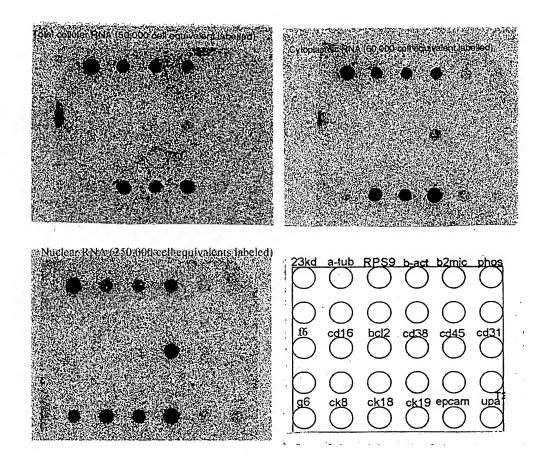
Figure 5



6/27 Figure 6

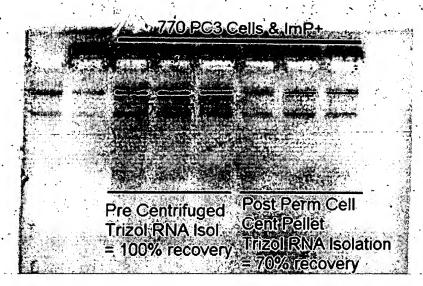
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	18s		∦∮1.9 kb	
	12s		# .953 kb	
	125			
CPA				+SA +SB
12s.mit	ochondrial rRNA pri	be kinase labelle	ed and hybridize	d to RNA blot

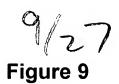
# Figure 7

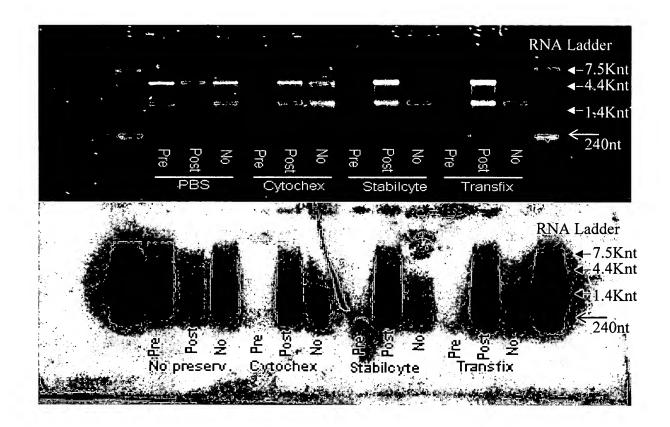


8/27 Figure 8

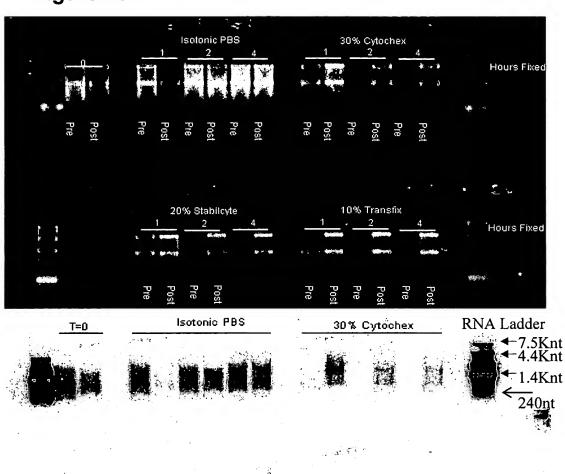
# Validation of Immuniperm+ Derived Cytosolic TRNA From Whole Live PC3 Cells







(の/2フ Figure 10A



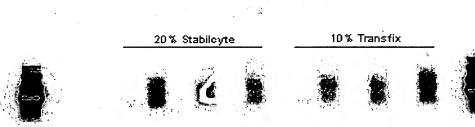


Figure 10B

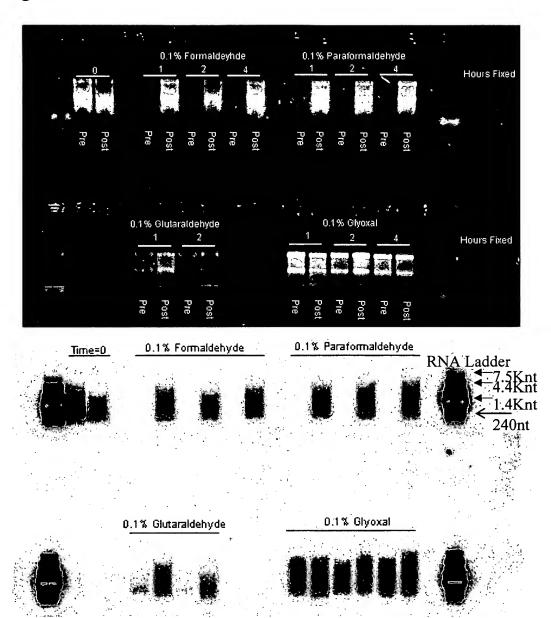
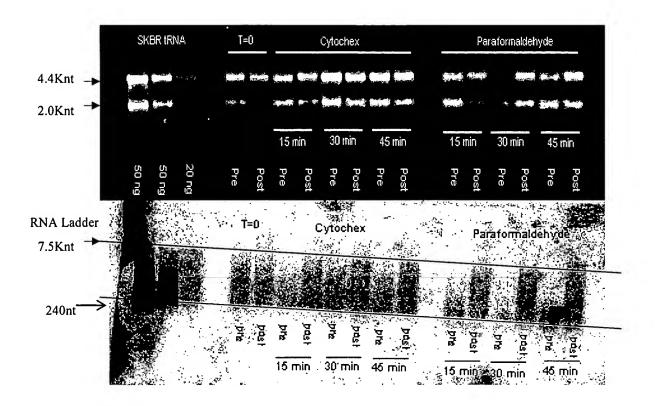


Figure 10C



13/27 Figure 11

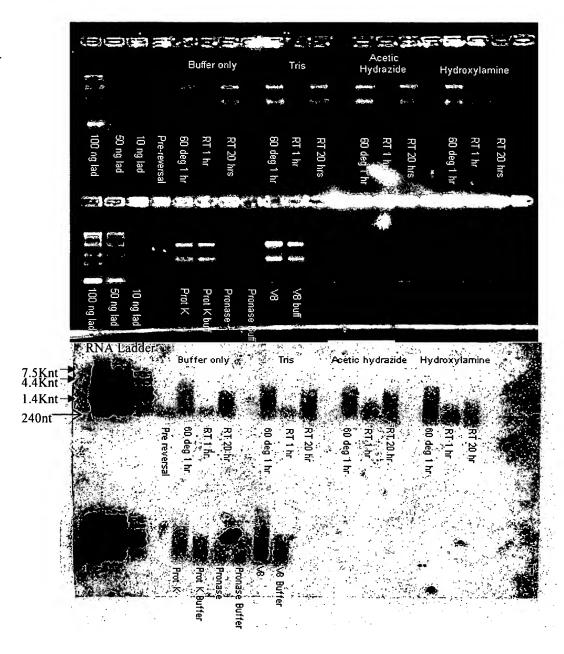


Figure 12A

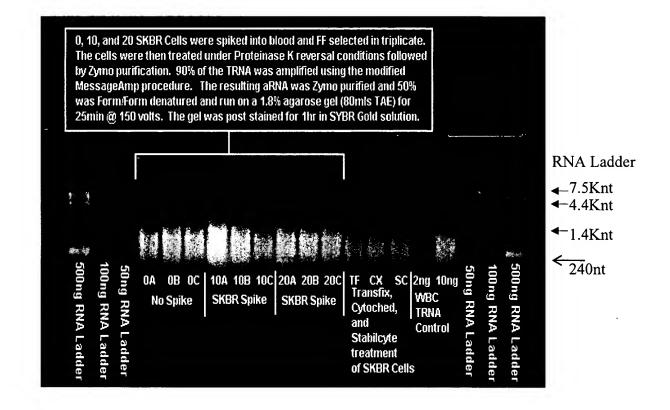


Figure 12B

#### CK19-QPCR from SKBR Cell Spike, FF Selection, Cytochex Treatment, Proteinase Reversal

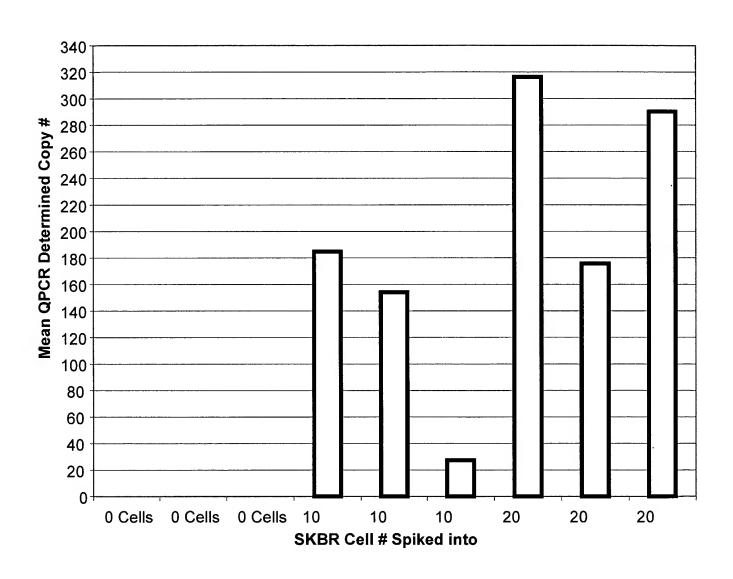


Figure 12C

#### EpCAM-QPCR from SKBR Cell Spike, FF Selection, Cytochex Treatment, Proteinase Reversal

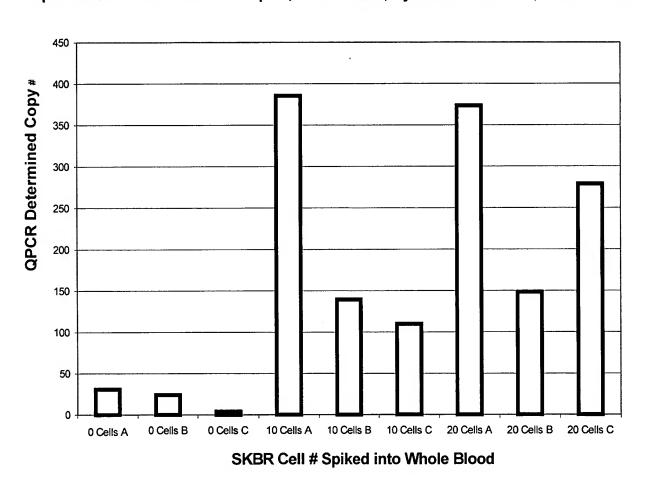


Figure 12D

#### CK19-QPCR on aRNA Derived from SKBR Cells Treated with Cell Stability Reagents

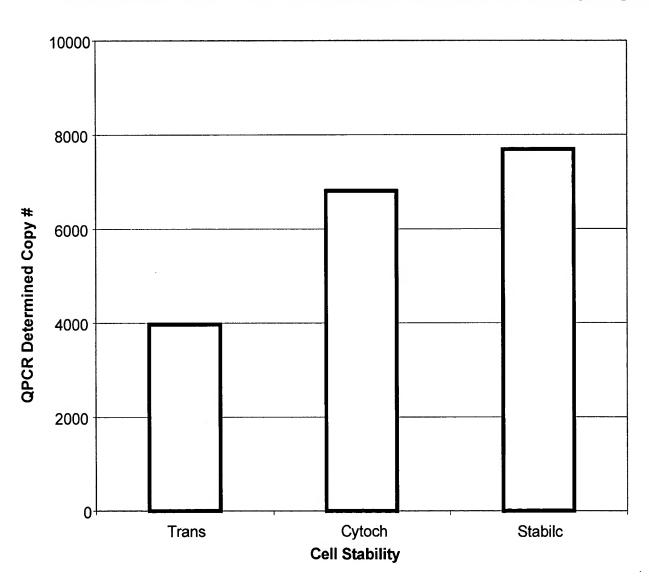
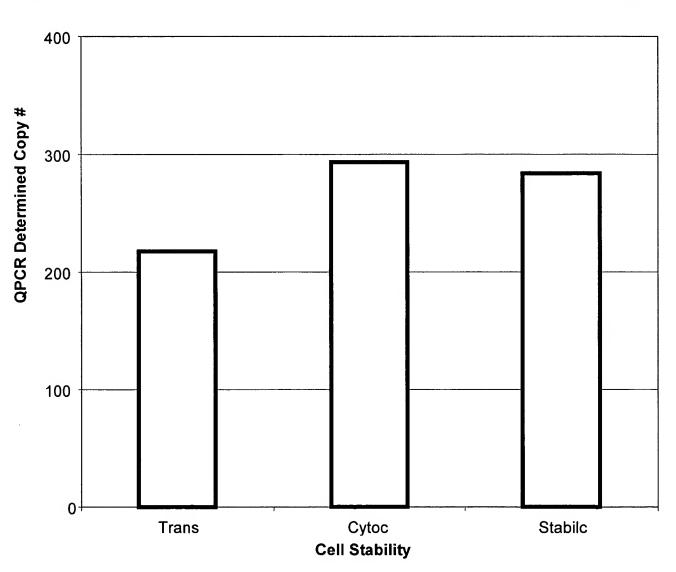


Figure 12E

EpCAM-QPCR on aRNA Derived from SKBR Cells Treated with Cell Stability Reagents



19/27 Figure 13A

### RT-PCR Standard Curve Reproducibility

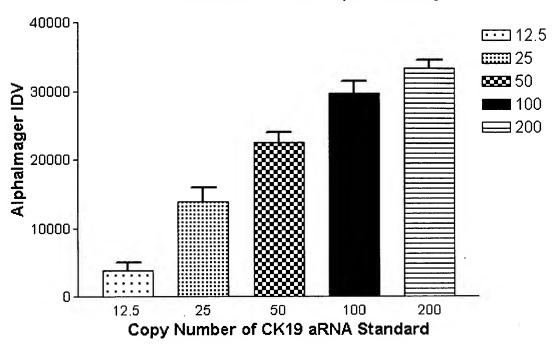
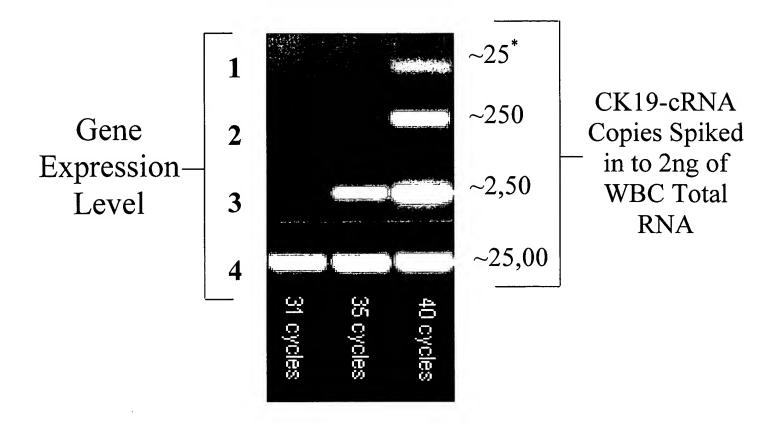


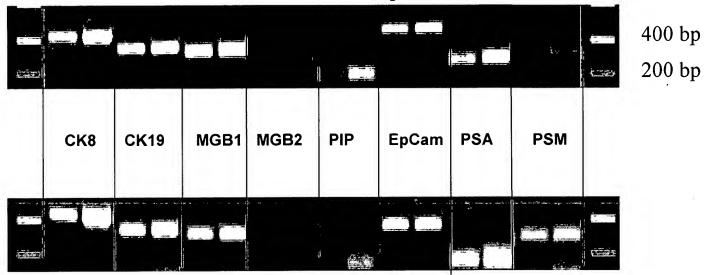
Figure 13B



\* N=10 replicates showed a CV

Figure 13C

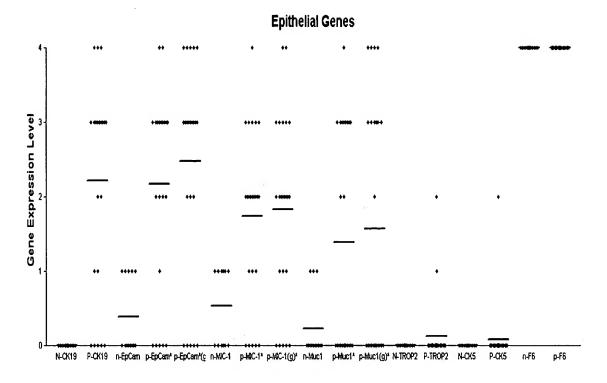
# UNAMPLIFIED 15 Cell Equivalent



T7-AMPLIFIED 15 Cell Equivalent

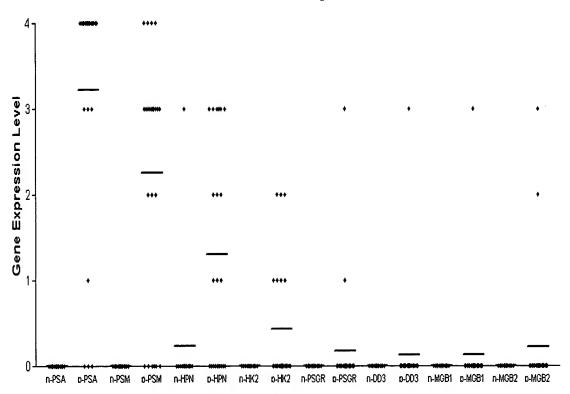
32, 40 PCR cycles #

22/27 Figure 14A



 $\frac{23}{27}$  Figure 14B





2 1/27 Figure 14C

#### **Tumor Characterization**

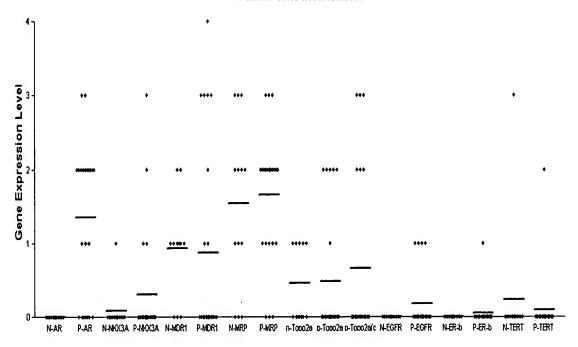
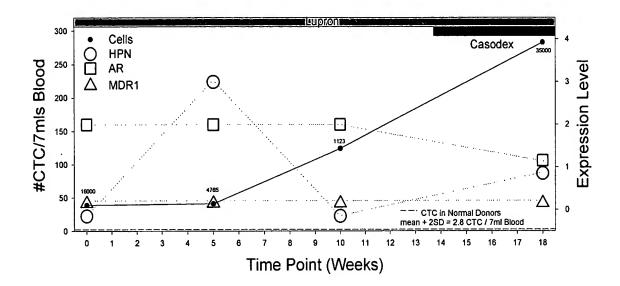


Figure 15A



# Figure 15B

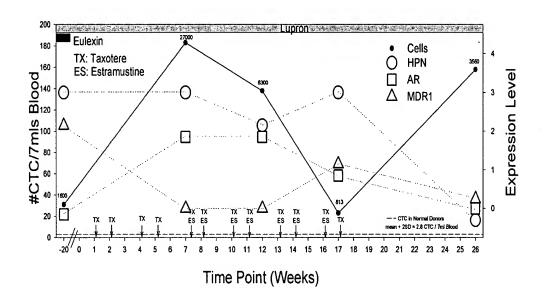


Figure 15C

